In the Claims:

Please amend the claims as follows:

1-22 (canceled)

23. (previously amended) The industrial robot according to claim 38, wherein the grooves are aligned at an angle with respect to a longitudinal axis of the bearing member.

24. (currently amended) The industrial robot according to claim 38, wherein the grooves ~~comprise pointed tops~~ are narrower at their tip than at their base.

25. (currently amended) The industrial robot according to claim 38, wherein ~~the side~~ a surface of the at least one bearing member opposite the bearing surface comprises a plurality of grooves extending in a longitudinal direction of the side surface and compatible with the grooves in the housing.

26. (previously amended) The industrial robot according to claim 38, wherein the grooves penetrate and permanently deform the bearing member.

27. (previously amended) The industrial robot according to claim 38, wherein the housing and the bearing member each have a socket shape, wherein a spring force holds the ball and socket joint together and fixes the bearing member in place.

28. (previously amended) The industrial robot according to claim 38, wherein the at least one bearing member is pressed to fit tightly in the housing.

29. (cancelled)

30. (previously amended) The method according to claim 39, wherein the method fixes a location of the bearing member in the robot.

31. (cancelled)

32. (previously amended) The method according to claim 39, wherein the grooves are aligned at an angle with respect to a longitudinal axis of the bearing member.

33. (currently amended) The method according to claim 39, wherein the grooves ~~comprise pointed tops~~ are narrower at their tip than at their base.

34. (currently amended) The method according to claim 39, wherein ~~the side~~ a surface of the at least one bearing member opposite the bearing surface comprises a plurality of grooves extending in a longitudinal direction of the side surface and compatible with the grooves in the housing.

35. (previously amended) The method according to claim 39, wherein the grooves

penetrate and permanently deform the bearing member.

36. (previously amended) The method according to claim 39, wherein the housing and the bearing member each have a socket shape, wherein a spring force holds the ball and socket joint together and fixes the bearing member in place.

37. (previously amended) The method according to claim 39, wherein the at least one bearing member is pressed to fit tightly in the housing.

38. (currently amended) A delta robot, comprising:

a multi-link system including a plurality of rods and a plurality of joints arranged at the ends of the rods,

each joint comprising a joint ball, a joint bearing engaging the joint ball, and a joint socket comprising a joint housing enclosing the joint bearing, ~~and a joint socket enclosing the joint housing,~~

the joint socket extending about the joint ball approximately one-half the joint ball or less,

the joint bearing comprising at least one removable polymeric friction minimizing annular bearing member arranged easily replaceable to eliminate uneven wear in the joint,

the bearing member comprising a bearing surface engaging only the approximately one-half of joint ball or ~~only a portion of the one-half of the joint ball and only a portion of another half of each joint ball~~ less,

the joint housing comprising a housing surface against which a side surface of the bearing

member abuts, the housing surface comprising a plurality of friction-increasing grooves extending in a longitudinal direction of the housing surface, the grooves engaging the side surface of the at least one bearing member and being operative to increase friction between the at least one bearing member and the housing surface to rotationally immobilize the at least one bearing member in the housing during operation of ~~the~~ a driving means.

39. (currently amended) A method for forming a delta robot operative to position a movable element in relation to a fixed element, the method comprising:

providing a plurality of linkage structures, each comprising a plurality of pull rods and a plurality of joints arranged at the ends of the rods;

providing each joint with a joint ball;

providing a joint bearing engaging the joint ball, the joint bearing comprising a bearing surface engaging only approximately ~~the~~ one-half of joint ball or ~~only a portion of the one-half of the joint ball and only a portion of another half of each joint ball~~ less;

~~providing a joint housing enclosing the joint bearing;~~

providing a joint socket including a joint housing enclosing the joint housing, the joint socket extending about the joint ball the approximately one-half the joint ball or less;

wherein providing the joint bearing comprises arranging in the joint housing at least one removable polymeric friction minimizing annular bearing member arranged easily replaceable to eliminate uneven wear in the joint, wherein the joint housing comprising a housing surface against which a side surface of the bearing member abuts, the housing surface comprising a plurality of friction-increasing grooves extending in a longitudinal direction of the housing surface, the grooves engaging the side surface of the at least one bearing member and being

operative to increase friction between the at least one bearing member and the housing surface to rotationally immobilize the at least one bearing member in the housing during operation of ~~the~~ a driving means.